Date: User Customer Job Number This Issue Prsht Rev. First Issue Previous Run Written By Checked & Approved By Comment Seq. #: 2.0 (A)

Wednesday, 2/20/2008 4:24:47 PM

Kim Johnston

Process Sheet

: CU-DAR001 Dart Helicopters Services

S.O. No. :

: 37553

Type

: 10534 **Estimate Number**

P.O. Number

: 2/20/2008

: NC

: //

: 37285

06-01-27 As Per RevE

: MACHINED PARTS

Drawing Name

: SADDLE FITTING, AFT (OUTBOARD/INBOARD)

: D2574 Part Number

Drawing Number

- D2574 REV E

Project Number **Drawing Revision**

: N/A : E

Material

Due Date

: 3/10/2008

Qty:

6 Um:

Each

Additional Product

Job Number:



Machine Or Operation:

Description:

7075-T7351 8.25X5.0X2.5

D6101005 1.0

JLM

Comment: Qtv.:

1.0000 Each(s)/Unit

Total:

6.0000 Each(s)

7075-T7351 8.25X5.0X2.5

Make from D6101-005 billet for D2574

Ensure that grain is along 5.00" length Batch No: 13 3/3

HAAS CNC VERTICAL MACHINING #

08/02/27

HAAS1

Comment: HAAS CNC VERTICAL MACHINING #1

Program Batch No. 37553 Double check by: DJY

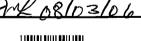
1-Machine Step No 1 per Folio FA051 and inspect per attached Dimension Sheets 2-Machine Step No 2 per Folio FA051 and inspect per attached Dimension Sheets

- 3-Machine Step No 3 per Folio FA051 and inspect per attached Dimension Sheets
- 4-Deburr and remove all machining marks
- 5-Tumble to remove sharp edges.

3.0

MILLING CONV

CONVENTIONAL MILLING MACHINE



Comment: CONVENTIONAL MILLING MACHINE Machine keyway as per dwg D2573 & D2574

4.0

QC2

INSPECT PARTS AS THEY COME



Comment: INSPECT PARTS AS THEY COME OFF MACHINE



Dart Aerospace Ltd

4. 04.	Approval	
te Qty	/ Chief Eng / Prod Mgr	Approval QC Inspector
		1 Tod Ing.

QA: N/C Closed: ____ Date: ____

NCR: WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section	 В	Verification	Approval	A
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector
				er e				
,								

NOTE: Date & initial all entries

Date: Wednesday, 2/20/2008 4:24:47 PM User: Kim Johnston **Process Sheet** Drawing Name: SADDLE FITTING, AFT (OUTBOARD/INBOARD) Customer: CU-DAR001 Dart Helicopters Services Job Number: 37553 Part Number: D2574 Job Number: Seq. #: Description: Machine Or Operation: SECOND CHECK QC8 5.0 Comment: SECOND CHECK HAND FINISHING1 HAND FINISHING RESOURCE #1 Comment: HAND FINISHING RESOURCE #1 Acid etch and Alodine as per QSI 005 4.1 7.0 POWDER COATING POWDER COATING Comment: POWDER COATING Powder Coat White Gloss (Ref: 4.3.5.1) as per QSI 005 4.3 8.0 INSPECT POWDER COAT/CHEMICAL CONVER Comment: INSPECT PACKAGING 1 9.0 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Identify and Stock L'ocation: 10.0 QC21 FINAL INSPECTION W/O RELEASE Comment: FINAL INSPECTION/W/O RELEASE 00103 Job Completion

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No	:	PAR #: Fault Category: N	NCR: Yes	No D	QA:	Date: _	
			QA:	N/C Clos	sed:	_ Date: _	
NCR:		WORK ORDER NON-CONFORMANC	CE (NC	R)			· · · · · · · · · · · · · · · · · · ·

	WORK ORDER NON-CONFORMANCE (NCR)										
	Description of NC		Corrective Action Section B				A				
STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approva QC Inspecto				
						·					
			:	-							
	·										
	STEP	STEP Description of NC	STEP Description of NC Section A Initial	STEP Description of NC Section A Initial Action Description	STEP Description of NC Section A Initial Action Description Sign &	STEP Description of NC Section A Section B Initial Action Description Sign & Section C	STEP Description of NC Section A Portion Description Section B Section C Chief Eng				

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	37553
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

				Recorded Actual Dimensions					***************************************
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
A	0.438	0.443		.440	. 440	.440	440		
В	1.745	1.755		1.750	1758	1.750	1.750		
С	3.495	3.505		3,500	3,500	3.50b	3.500		
D	1.745	1.755		1-757	1,750	1.749	1.750		
E	7.990	8.010		1,006	8,000	8.000	8.002		
F	0.490	0.510		1 494	488	.508	.504		
G	0.257	0.262		-258	, 208	.258	.258		
Н	0.375	0.380		. 376	.376	. 377	.378		
1	0.490	0.510		-504	,504	.502	.501		
J	1.174	1.184		1.129	1-170	1.179	1.179		
K	0.558	0.578		.572	.54)	.571	.570		
Ĺ	1.174	1.184		617R	1/17-8	1.179	1.179		
М	1.365	1.375		1,370	1370	1.370	1.370		
N	2.495	2.505		2,495	2,488	2.500	2,499		
0	4.119	4.129		4.124	4,124	4.123	4.122		
Р	0.115	0.135		-127	-121	.124	.124		
Q	0.115	0.135		.135	135	.135	. /35		
R	0.240	0.260		-253	-25-3	.250	.249		
S	0.115	0.135		.126	« /j/	.127	.127		
T	0.178	0.198		188	- 188	-188	-188		
U	3.210	3.250		2,230	3,230	3.230	5,230		
V	0.230	0.250		-24/	.241	·238	.239		
W	0.115	0.135		.126	126	.128	./32		
Х	0.307	0.312		.310	.310	.310	~310		
Υ	0.760	0.765		-760	.760	.760	.760.		
Z	0.352	0.372		- 366	- 366	.364	.364		
AA	0.470	0.530		- 500	- 200	-200	.200		
AB	0.615	0.635		,625	2625°	.629	. 628		
AC	0.053	0.073		6663	-063	500	-067		
AD	0.240	0.260		.257	254	.247	.247		
AE	1.500	1.520		1.5/2	7,5/2	1.5/3	1.573		
AF	0.115	0.135	,	. 135	-/35	-135	-/35		
AG	0.240	0.280		.265	-235	-255	-255		
AH	0.240	0.260		-253	-253	.242	.249		
Al	2.000	2.020		2,002	2,002	2003	2.003		
AJ	0.023	0.043	4,000	.033	033	€033	.033		
	Acc	ept/Reje	ct		·				

	2 4	
Measured by:	Me , Audited b	y St
Date:	8/03/06 Date	08/03/10

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
В	02.09.27	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	- 1
Е	05.12.05	Added dimension AJ	KJ/JLM 🚓	- all

DART AEROSPACE LTD	Work Order:	37553
Description: Saddle, Aft Inboard	Part Number:	D2574
Inspection Dwg: D2574 Rev. E		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2574 Rev. E and record below:

				Red	corded Actu	al Dimensio	ons	,	
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	Ву	Date
Α	0.438	0.443		,440	,440				
В	1.745	1.755		1.750	1.750				
С	3.495	3.505		3.500	3,500				
D	1.745	1.755		1.750	1.750				
E	7.990	8.010		8.600	8.601				
F	0.490	0.510		.505	501				
G	0.257	0.262		.260	.260				
Н	0.375	0.380		. 3 78	.378				
1	0.490	0.510		.502	.501				
J	1.174	1.184		1.179	1.179				
K	0.558	0.578		.569	.568				
L	1.174	1.184		1,129	1.179				
M	1.365	1.375		1.370	1.370				
N	2.495	2.505		2.500	2.500				
0	4.119	4.129		4.122	4.124				
Р	0.115	0.135	W	123	.124	1.			
Q	0.115	0.135		.135	.135				
R	0.240	0.260		.250	- 2572				
S	0.115	0.135	1 1 1 2 7	126	. 129				
T	0.178	0.198		.188	.188				
U	3.210	3.250		3,230	3.230				
V	0.230	0.250		. 238	. 238				
W	0.115	0.135		,130	.132				
Х	0.307	0.312		.309	203				
Υ	0.760	0.765		. 761	-76b				
Z	0.352	0.372		.364	-366				
AA	0.470	0.530		,50p	,500				
AB	0.615	0.635		.629	. 628				
AC	0.053	0.073		.063	063				
AD	0.240	0.260		.246	, 247				
AE	1.500	1.520		1.572	1572				
AF	0.115	0.135		.135	.135				
AG	0.240	0.280		. 245	.265				
AH	0.240	0.260		.249	.249				
Al	2.000	2.020		2.005	2.062				
AJ	0.023	0.043		.033	,033				
		ept/Reje	ct						

Measured by:	and	Audited by Art,
Date:	08/03/06	Date: 08/03/10
		7

Rev	Date	Change	Revised by	Approved
Α		New Issue	RF	
В	02.09.27	Re-format; Added Rev. D	KJ	
С	02.10.11	Re-format; Added DT8682, DT8683, DT8684	KJ	
D	05.05.05	Added dimension Al	KJ/RF	- 1
E	05.12.05	Added dimension AJ	KJ/JLM 🚓	all
				

